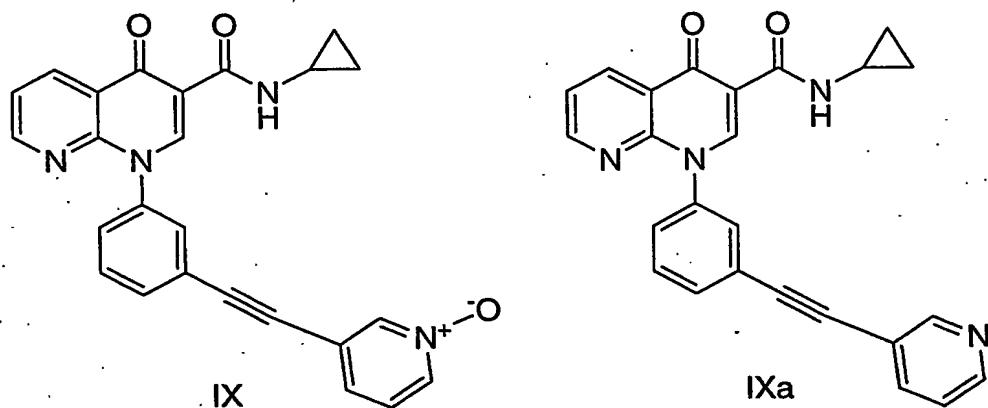


WHAT IS CLAIMED IS:

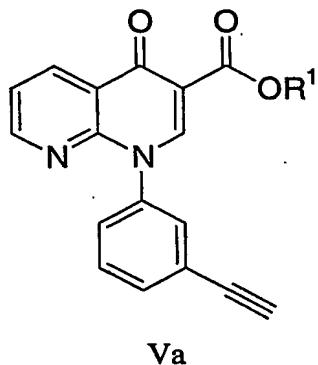
1. A method of preparing a compound of preparing a compound of the formula IX and Formula IXa:

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comprising

10 Step C: reacting, in solvent A, a compound of Formula Va



15 wherein

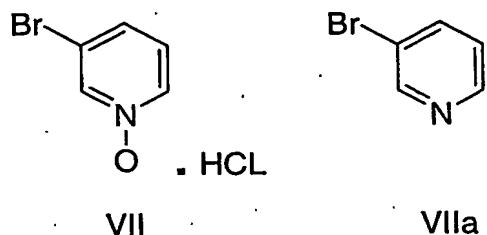
-OR¹ is a suitable leaving group; and

solvent A is dimethylaminoacetamide, dimethylformamide, acetonitrile, DMSO,

methylacetamide, ethers or mixtures thereof;

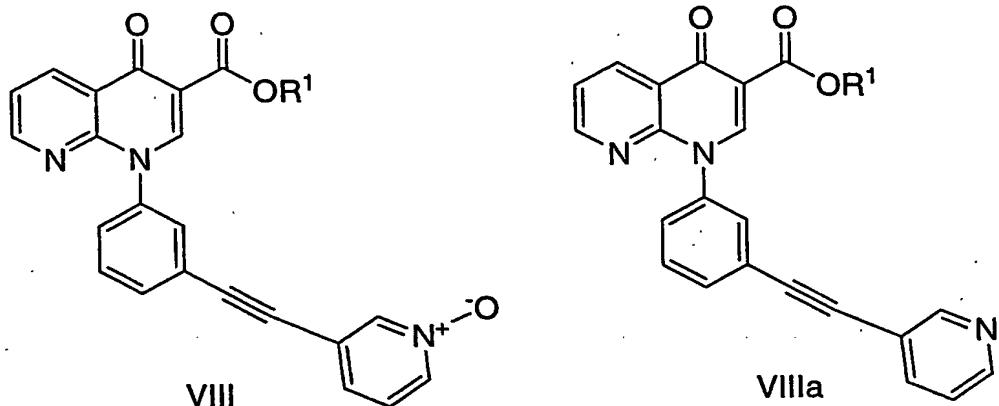
with a compound of Formula VII or Formula VIIa

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in the presence of a palladium catalyst and a phosphine ligand in amine base to yield a compound of Formula VIII or Formula VIIIa

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2. A method according to claim 1 wherein the phosphine ligand is P(C₁₋₆alkyl).

10 3. A method according to claim 1 wherein the palladium catalyst is selected from the group consisting of, the palladium catalyst selected from $P(t\text{-butyl})_3\text{-Pd-}P(t\text{-butyl})_3$, $[\text{PdCl}(\text{allyl})]_2$, $\text{Pd}_2(\text{dba})_3$, and $[\text{P}(t\text{-butyl})_3\text{PdBr}]_2$.

4. A method according to claim 1 wherein the molar ratio of the compound of
15 Formula Va to Formula VII or VIIa is approximately 1:1.5 to 1.5 to 1.

5. A method according to claim 1 wherein the ratio of molar equivalents of amine base per mole of compound of Formula VII or VIIa is 2:1 to 3.5:1.

20 6. A method according to claim 1 wherein the molar ratio of Palladium catalyst to compound of Formula Va is 0.05:1 to 0.10:1.

7. A method according to claim 1 wherein step C is carried out at 40 to 70°C.

8. A method according to claim 1 further comprising:

Step D: reacting, in solvent B a compound of Formula VIII or VIIIa with cyclopropylamine,

5 optionally in the presence or of a catalyst to yield a compound of Formula IX or IXa.

9. A method according to claim 8 wherein solvent B is a C₁-galkanol solvent or acetonitrile.

10. A method according to claim 8 wherein the catalyst is selected from Butyl phosphite (BuO)₃P and magnesium chloride.

11. A method according to claim 8 wherein molar ratio of cyclopropylamine to compound of Formula VIII or VIIIa is at least 1:1.

15 12. A method according to claim 8 wherein step D is carried out at 40 to 60°C.

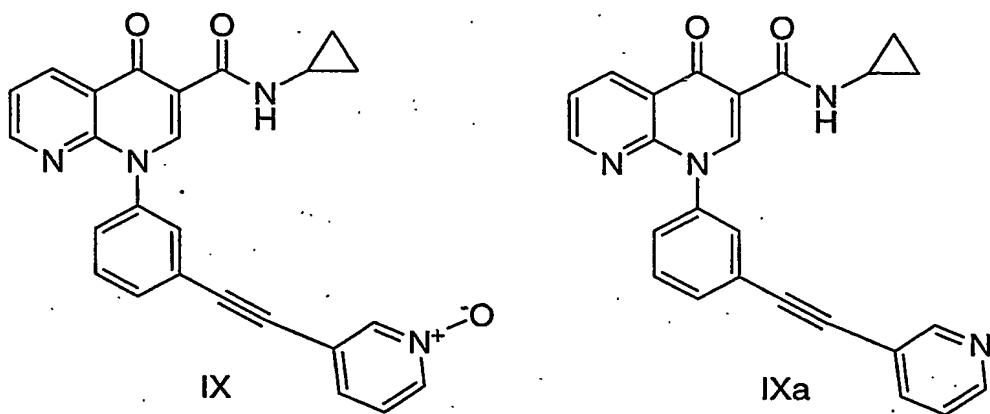
13. A method according to claim 8 wherein reaction step C and reaction Step D are carried out in a single pot without purification or isolation of the product of Step C prior to proceeding with Step D.

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14. A method claim 8 further comprising mixing compound of Formula IX with a conversion solvent to recrystallize the compound of Formula IX or IXa.

25 15. A method according to claim 14 wherein the conversion solvent is selected from dry ethanol, methanol, *N*-methylpyrrolidinone, trifluoroethanol, methyl t-butyl ether or mixtures thereof.

16. A method of purifying a compound of Formula IX or IXa



comprising: combining a compound of Formula IX or IXa with an amount of a conversion solvent sufficient to suspend the compound and recrystallize said compound of Formula IX or
5 IXa.

17. A method according to claim 16, wherein the conversion solvent is selected from dimethylformamide, dimethylacetamide, N-methylpyrrolidinone and C1-4alkanol.

10 18. A method according to claim 17, wherein the conversion solvent has a water content of less than 5%.